UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

se type a plus sign (+) inside this box + + Under the Paperwork Reduction Act of 1995, no persons are require	ed to respo	Ap U.S. Patent and Trac and to a collection of infor	PTO/SB/05 (03-01) proved for use through 10/31/2002. OMB 0651-0032 demark Office; U.S. DEPARTMENT OF COMMERCE mation unless it displays a valid OMB control number	
UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.		71748/7262	
	First Inventor		Kwok	
	Title	RECTIFIER TYPE I HARMONIC CANCI	FREQUENCY DOUBLER WITH ELLATION	
y for new nonprovisional applications under 37 CFR 1.53 (b))		ss Mail Label No.	EV 322440988 US	

	ICATION ELEMENT 600 concerning utility pat		Mail Stop Patent Application, Commissioner For Patents ADDRESS TO: P. O. Box 1450 Alexandria, VA 22313-1450					
Applicant clai See 37 CFR Specification (preferred arrange - Descriptive title - Cross Reference - Statement Rega - Reference to se or a computer p - Background of t - Brief Summary	[Total Pages ament set forth below] of the Invention are to Related Applications arding Fed sponsored R & quence listing, a table, program listing appendix he Invention of the Invention of the drawings (if filed) attention	31]	b. Specification S i c State ACCOMPAI 9. X Assignmen	er Program (Api for Amino Acid S all necessary) aputer Readable Sequence Listing CD-ROM o paper ements verifying NYING APPL at Papers (cover	Form (CRF) g on: r CD-R (2 copies); or g identity of above copies LICATION PARTS r sheet & document(s))			
5. Oath or Declaration a. X Newly exc b. Copy from for continuit. i. DE signar 1.63 6. X Application Data 18. If a CONTINUING Al or in an Application Data Continuation Prior application information: For CONTINUATION or E	Sheet under 37 CFR 1.7 Divisional Examiner DIVISIONAL APPS only: The	CFR 1.63(d)) completed) S) ng inventor(s) n, see 37 CFR copriate box, and s continuation-in- me entire disclosure	10. (when then 11. English Tra 12. Information Statement 13. Preliminary 14. X (Should be 15. (if foreign µ Nonpublica (b)(2)(B)(1) or its equivalent 17. X Other: Spart (CIP) of prior at 15. Group Art Unit of the prior application, from 15.	e is an assigned anslation Documen Disclosure (IDS)/PTO-144 by Amendment ceipt Postcard (IDS) po	Attorney ment (if applicable) Gopies of IDS Citations MPEP 503) mized) Document(s) d) nder 35 U.S.C. 122 st attach form PTO/SB/35 ver Sheet d in a preliminary amendment,			
		rtion has been inad	vertently omitted from the s					
X Customer Number	or Bar Code Label			or Con	respondence address below			
Name	Scott J. Menghini							
	120 S. La Salle Street,	Suite 1600						
Address								
City	Chicago	State	IL .	Zip Code	60603-3406			
Country	USA	Telephone	858-552-1311	Fax	858-552-0095			
Name (Print/Type)	Scott J. Menghini		Registration No. (Att	omey/Agent)	42,880			
Signature	Seow J.	yd	complete. Time will you	Date	June 23, 2003			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/17 (10-02)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB combon.

FEE	TR	AN	SM	IT	ΓAL
•	for	FY	200)3	

Patent fees are subject to annual revision. Express Mail Label No.: EV 322440988 US

Applicant claims small entity status. See 37 CFR

TOTAL AMOUNT OF PAYMENT (\$) 538.00

C mplete if Kn wn						
Application Number	TBD					
Filing Date	June 23, 2003					
First Named	Kwok					
Examiner Name	TBD					
Art Unit	TBD					
Attorney Docket No	71748/7262					

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit Card Money Other None	3. ADDITIONAL FEES Large Entity Small Entity					
X Deposit Account	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130	2051	65	Surcharge - late fling fee or oath	
Deposit Account Number	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Deposit Account Name Fitch, Even, Tabin & Flannery	1053	130	1053	130	Non-English specification	
The Commissioner is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
X Charge fee(s) indicated below X Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
X Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month	
to the above-identified deposit account.	1252	410	2252	205	Extension for reply within second month	
FEE CALCULATION	1253	930	2253	465	Extension for reply within third month	
1. BASIC FILING FEE	1254	1,450	2254	725	Extension for reply within fourth month	<u>i</u>
Large Entity Small Entity	1255	1,970	2255	985	Extension for reply within fifth month	
Fee Fee Fee Fee Description Code (\$) Code (\$)	1401	320	2401	160	Notice of Appeal	1
1001 750 2001 375 Utility filing fee 375.00	1402	320	2402	160	Filing a brief in support of an appeal	
1002 330 2002 165 Design filing fee	1403	280	2403	140	Request for oral hearing	
1003 520 2003 260 Plant filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1004 750 2004 375 Reissue filing fee	1452	110	2452	55	Petition to revive - unavoidable	
1005 160 2005 80 Provisional filing fee	1453	1,300	2453	650	Petition to revive - unintentional	
SUBTOTAL (1) (\$) 375.00	1501	1,300	2501	650	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	470	2502	235	Design issue fee	
Fee from Extra Claims below Fee Paid	1503	630	2503	315	Plant issue fee	7
Total Claims 29 -20**= 9 X 9.00 = 81.00	1460	130	1460	130	Petitions to the Commissioner	
Independent 4 -3**= 1 X 42.00 = 42.00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent	1806	180	1806	180	Submission of Information Disclosure Stmt	
Smal Large Entity I Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Fee Fee Fee Fee Code (\$) Fee Description	1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18 2202 9 Claims in excess of 20	l				For each additional invention to be	
1201 84 2201 42 Independent claims in excess of 3	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 "Reissue independent claims over original patent"	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 123.00		fee (spec				
**or number previously paid, if greater; For Reissues, see above	*Redu (3)	iced by B	asic Filir	ng Fee F	Paid SUBTOTAL (\$)	10.00

SUBMITTED BY	Complete (if	Complete (if applicable)				
Name (Print/Type)	Scott J. Menghini	/	Registration No. (Attorney/Agent)	42,880	Telephone	858-552-1311
Signature	Swed J M				Date	June 23, 2003

WARNING: Information on this form may become public. Credit card Information should not be included in this form. Provide cr dit card information and authorization of PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.